

NASA's Space Launch System: An Enabling Capability for Discovery

Todd May
Program Manager
Space Launch System (SLS) Program
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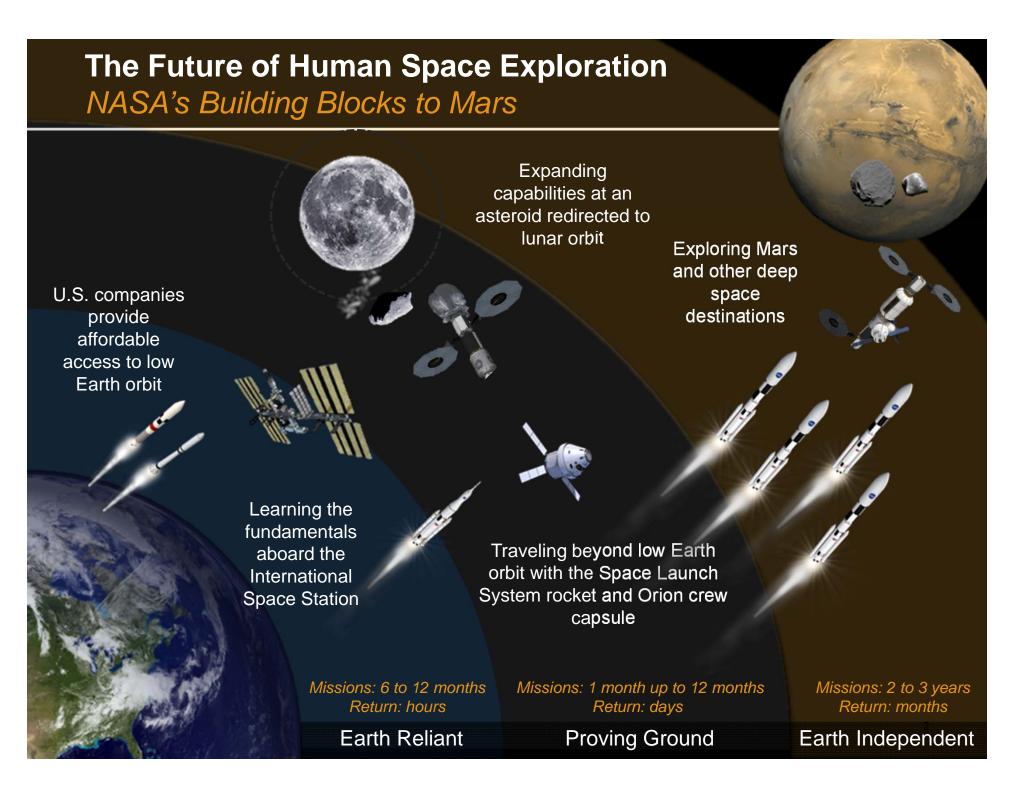












Global Exploration Roadmap 2.0

























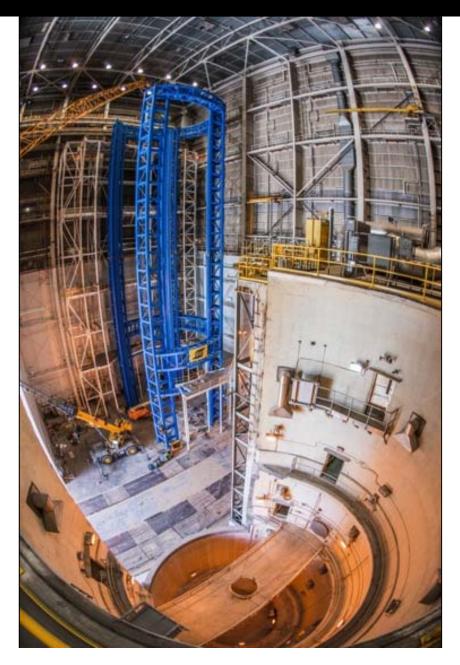




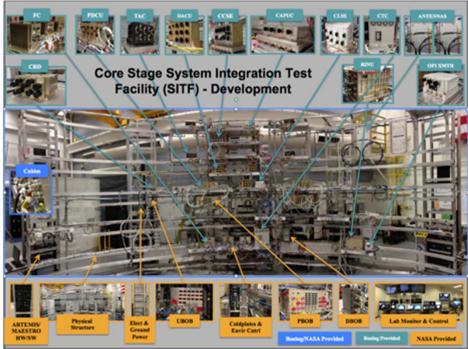


Core Stage Development



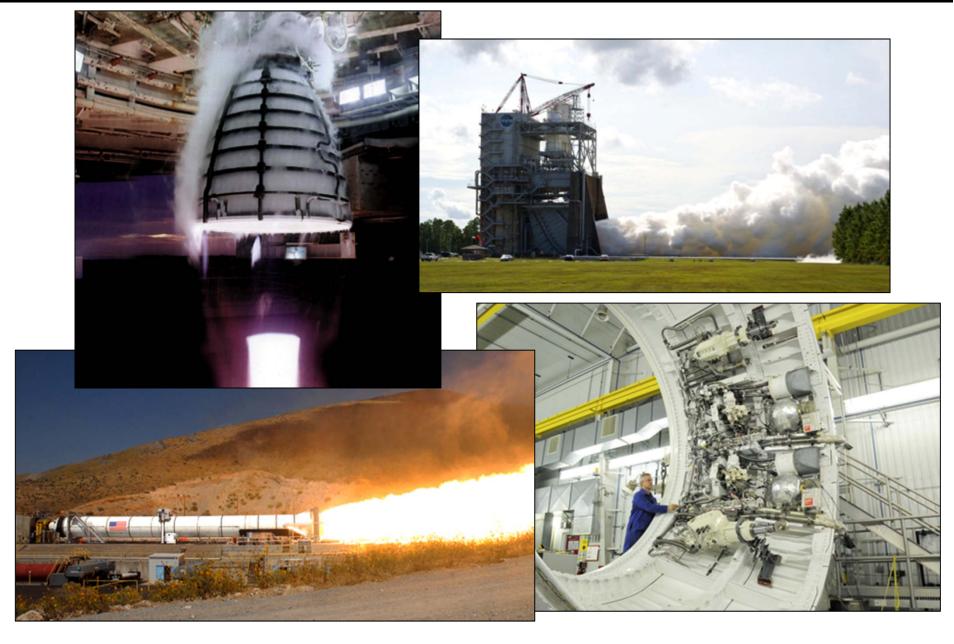






Engines and Boosters





SLS Recent Accomplishments



Launch Vehicle Stage Adapter: Contract awarded in Feb. 2014 to Teledyne Brown Engineering.

Avionics: Flight software developed by Boeing tested at Armstrong using F-18 in Nov. 2013; avionics "first light" marked in Jan. 2014 at Marshall.





Multi-Purpose Crew Vehicle-to-Stage Adapter:

First flight hardware delivered to ULA
for Exploration Flight Test-1 in Fall 2014.

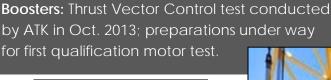




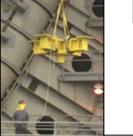
Core Stage: Initial confidence barrels and domes completed by Boeing; tooling installation to be completed at MAF in July 2014.













Engines: Thrust frame adapter fitted to Stennis A-1 stand; Aerojet-Rocketdyne RS-25 testing begins July 2014.

SLS Development Timeline



